Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 29 Jan 2022 until 23:59 on Sunday 30 Jan 2022

Forecast Issued on Saturday 29 Jan 2022 at 04:16

Confidence: High for unsettled and very windy with freezing level changeable, but lowering for the detail of timings and durations of worst conditions.

Headline for Saturday 29 Jan 2022: Cloud, rain and severe summit gales at first. Mainly dry, bright with winds gradually easing from around midday.

Mountain weather hazards on Saturday 29 Jan 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Light rain	Light rain	Light rain showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
40%	60%	80%	40%	20%	<05%

Forecast for Saturday 29 Jan 2022

Weather: Hill fog with some patchy light rain or drizzle at first, mainly across western hills. Rain turning more persistent for a time mid to late morning, before clearing to the south after mid-day, leaving bright and sunny spells and only a few light showers for the afternoon. Dry this evening with broken cloud.

Chance of cloud-free hill tops above 600m: 30% at first becoming 95% from midday.

Low cloud and visibility: Moderate or poor in early rain and drizzle, also briefly in later showers, very poor in cloud with bases quite extensive from 500m. Otherwise good or very good becoming excellent this afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Saturday 29 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	36/44 W	45/55 W	46/58 W	43/54 W	30/39 NW	20/28 W	13/19 W
300	26/34 W	34/45 W	35/48 W	29/41 W	23/32 NW	16/24 NW	9/17 W
Valley	16/34 W	23/46 W	25/47 W	21/40 W	15/31 NW	9/22 NW	7/18 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/-1	6/-2	4/-4	3/-5	2/-6	1/-5	0/-5
300	8/3	8/3	7/1	6/1	5/-1	4/-1	3/-1
Valley	8/5	9/4	8/3	7/2	5/1	4/1	3/-0
Freezing Level*	1600m	1900m	1000m	900m	700m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions this morning with severe gales for summits and exposed ridges. Significant windchill today.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 29 Jan 2022	0.2mm	4.4mm	7.2mm

Forecast for Sunday 30 Jan 2022

Weather: Dry with bright or sunny spells through the morning, before cloud gradually thickens from the west to bring patchy rain across western areas from around mid-afternoon. The rain becomes heavy and persistent from late afternoon across all areas, then clearing blustery showers late evening. Snow level around highest summits.

Maximum wind: West increasing mean 25mph by late afternoon, then 35-40mph late evening with gusts reaching 50-60mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 95% temporarily 30% late afternoon and early evening.

Low cloud and visibility: Excellent becoming moderate or poor in rain, also briefly in later showers, very poor in snow and cloud with bases quite extensive in rain from 500m, sporadically so in later showers.

Temperature: **Valleys:** Zero Celsius increasing 9 Celsius during the afternoon
At 600m: Minus 1 Celsius increasing plus 2 Celsius later
Freezing level: 500m increasing 800m later

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